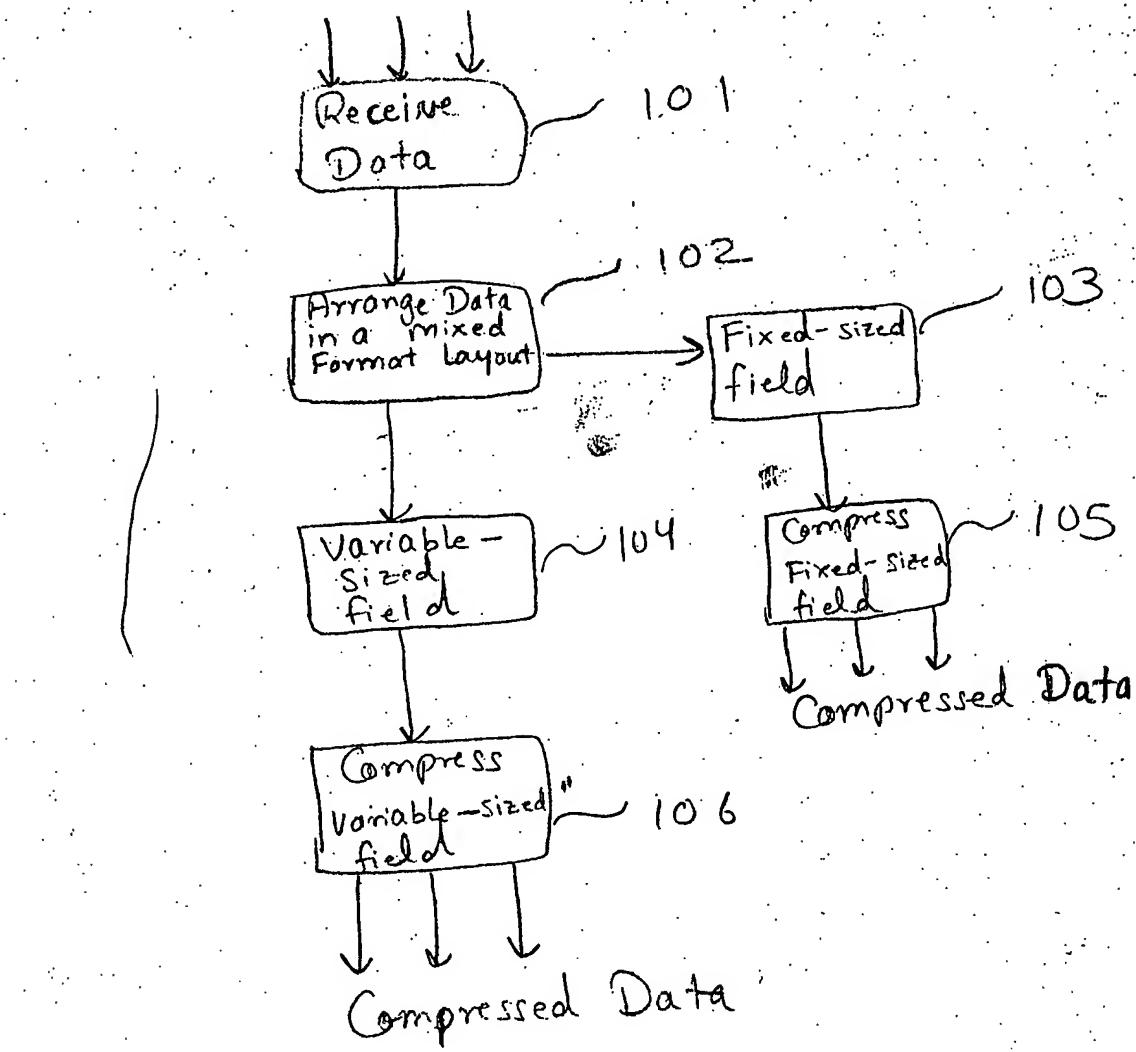


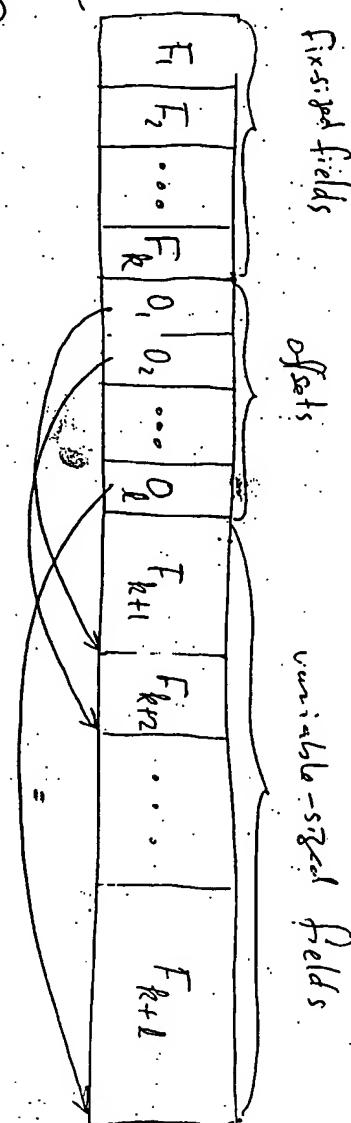
1/7

Fig 1

20/7

900

Fig. 9 Mixed format record layout



3/7

302

(m) dictionary of common values for field F_{k+1}

\$	\$
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delimiter

F_{k+1} is not stored in this record

F_1	F_2	...	F_k	Q_1	Q_2	...	Q_q	F_{k+2}	...	F_{k+q}
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301
This offset slot
is used as a dictionary index/pointer.

Fig. 3. Variant use of offset slots.

402

(M2) a larger dictionary of common values

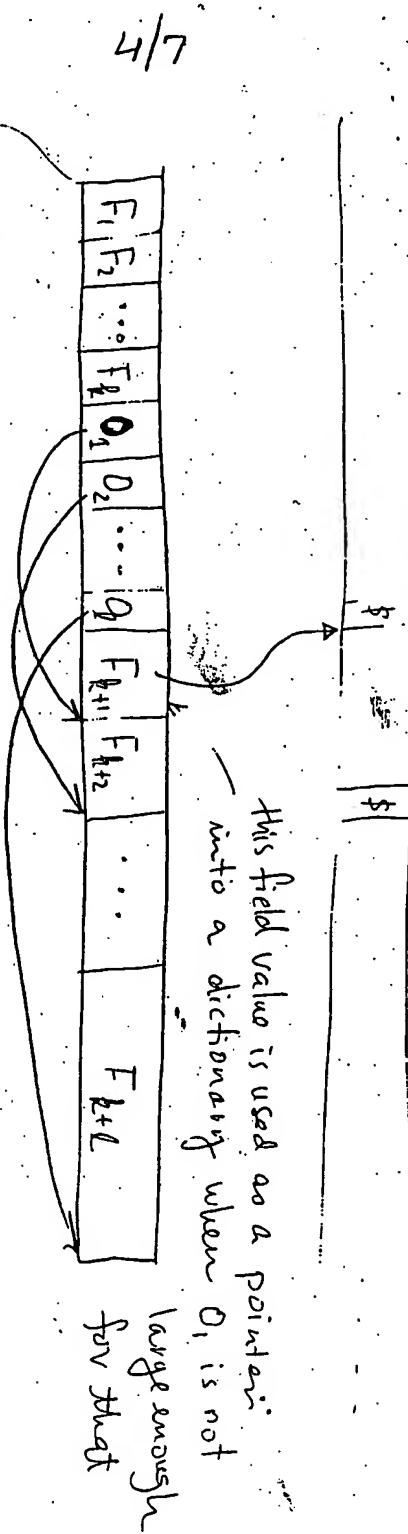


Fig. 4 Variant use of field values for larger dictionaries.

5/7

An exceptionally large value F'_i for F_i is stored as an extra variable-sized field F'_i . The fixed slot for it is used to stored the offset pointer to terminate F'_i .

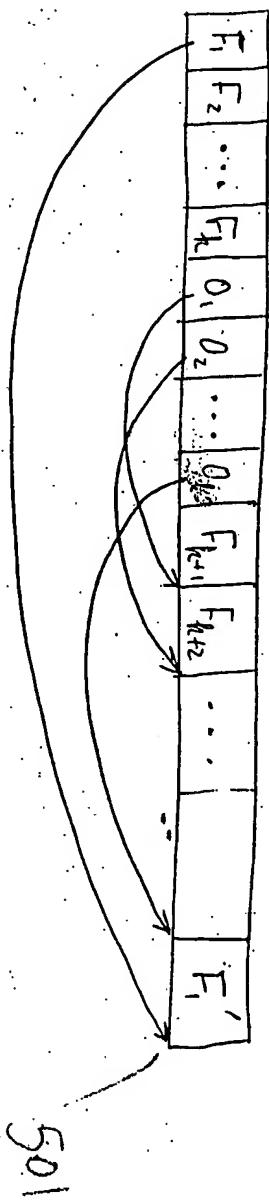


Fig. 5 Exception (overflow) for fix-sized fields.

6/7

In a dictionary of common tuples,

layout for the group of fields F_{k+1}, F_{k+m}

O_1	\dots	O_m	F_{k+1}	\dots	F_{k+m}
-------	---------	-------	-----------	---------	-----------

602

601

F_1	\dots	F_k	g_1	0_{m+1}	\dots	0_ℓ	F_{k+m+1}	\dots	$F_{k+\ell}$
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Fig. 6 Compressing a group of fields

7/7

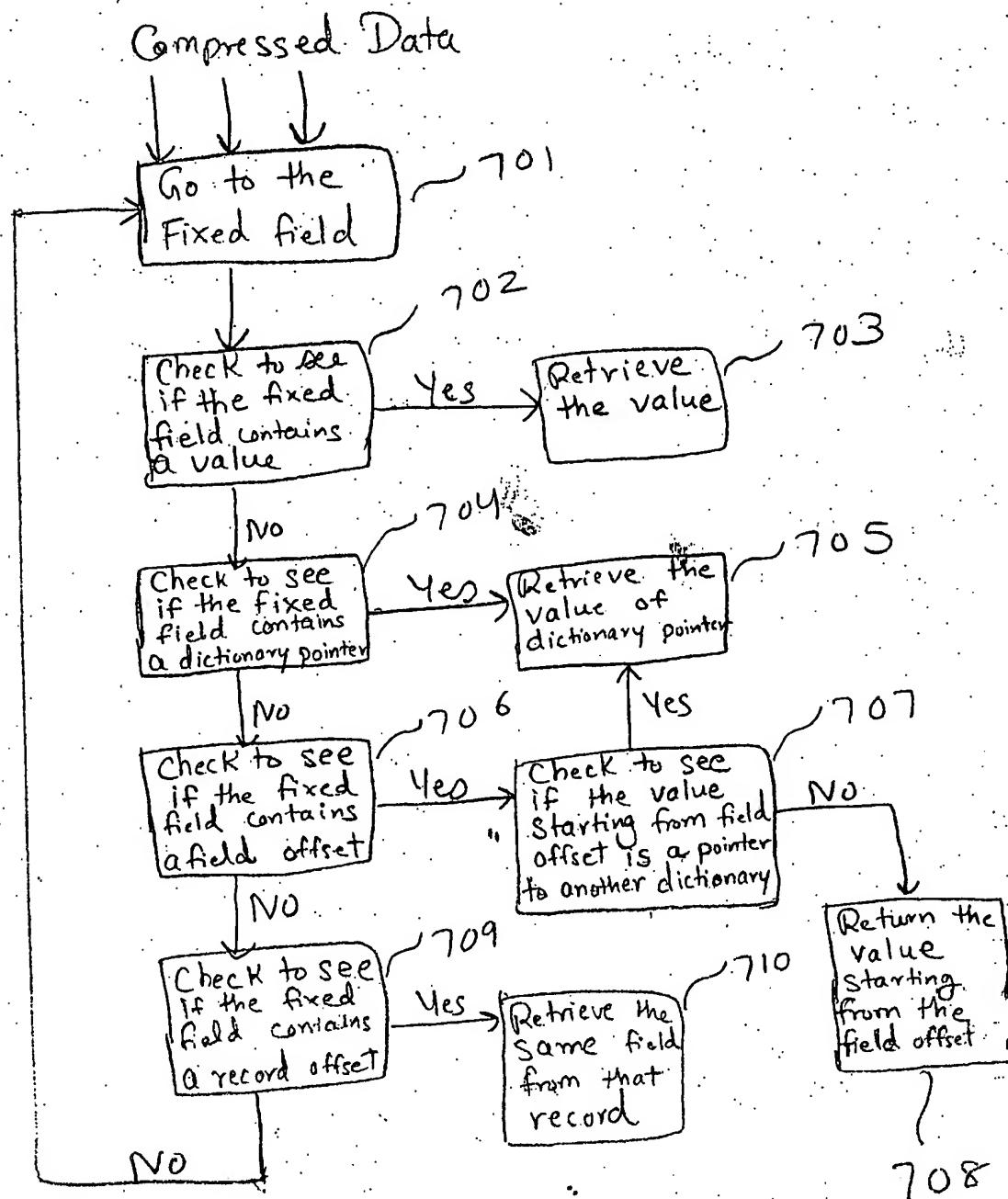


Fig. 7